

hollow, and

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a noise damper to be disposed in the annular tire hollow, wherein
the noise damper is a foamable liquid under use conditions and includes an
emulsion of an elastomer and a surfactant, and the noise damper has a certain
volume being capable of changing the cross sectional area of the annular tire hollow
irregularly in the circumferential direction during rotating.

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8. (Amended) The tire noise reducing system according to claim 1,
wherein

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the liquid noise damper includes a foam stabilizer.

9. (Twice Amended) The tire noise reducing system according claim 1,
which further comprises an apparatus for injecting the foamable liquid damper into
the tire hollow, the apparatus comprises

a container for the foamable liquid damper,

a high-pressure gas source to let the foamable liquid damper from the
container, and

a nozzle for discharging a mixture of the liquid damper and high-pressure gas
to be injected into the tire hollow.

Please add the following claim:

15. A tire noise reducing system according to claim 1, wherein
an injection volume of the noise damper is in a range of 0.001 to 0.6 times the
volume of the tire hollow.